SEP 0 8 2003 H

PTO/SB/08b (08-03)
Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Ą				Comp	olete if Known
Substitut	e for form 14498	B/PTO		Application Number	10/046,937
RADE	NFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Application Number Filing Date First Named Inventor Art Unit Examiner Name	01/14/02			
INFORMATION DISCLOSURE		First Named Inventor	Jeff C. KLEIN et al.		
STATEMENT BY APPLICANT (use as many sheets as necessary)		Art Unit	2819		
(use	as many shee	ts as necess	ary)	Examiner Name	Jaknowr
Sheet	2	of	2	Attomey Docket Number	H0002065

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SIMON FIELDING, KATEY DERBYSHIRE, Top-Down-Design von FPGAs, Produktiver Einsatz neuer Synthese-Tools verbessert Designergebnisse, FPGA-/CPLD-Design, 11 July 1995, pages 94-100, XP000521180, vol. 44, no. 14, Elektronik, Franzis Verlag GMBH, Munchen, DE	
PN	<i>j</i>	ABHJJIT JAS, NUR A TOUBA, Test Vector Decompression Via Cyclical Scan Chains and Its Application to Testing Core-Based Designs, Proceedings of the International Test Conference 1998, Washington, D.C., Oct. 19-20, 1998, International Test Conference, New York, NY, 19 October 1998, pages 458-464, XP000822384, vol. Conf. 29, Computer Engineering Research Center, Department of Electrical and Computer Engineering, University of Texas, Austin, TX	
He	/	L. BENETAZZO, J. COSTELLA, C. NARDUZZI, C. OFFELLI, Design Criteria For Cae-To-Ate Translation, Improving Systems Effectiveness in the Changing Environment of the 90's, Anaheim, Sept. 24-26, 1991, Proceedings of the Systems Readiness Technology Conference (Autotestcon), New York, 24 September 1991, pages 449-452, XP010036918, Padova, Italy	
V			
/			
	-		
			ļ
		·	
		·	
l			·

Examiner Date Signature Considered

*Examiner: Initial if reference considered, whether an not clation is in conformance with MPEP 609. Draw line through citation innot in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confide titally is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO_9199 (1-800-786-9199) and selection option 2.

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO

REAL TRAI

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Complete	e if Known	
Application Number	e 01/14/02 ed Inventor Jeff C. KLEIN et al. 2819 Name Unknown	
Filing Date	01/14/02	
First Named Inventor	Jeff C. KLEIN et al.	_
Art Unit	2818	_
Examiner Name	-Unknown-	
Attorney Docket Number	H0002065	_

			U.S. PATE	NT DOCUMENTS			
Cuaminas	Examiner Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
tials*	No.'	Number - Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
	<u> </u>	US-6,021,271	02/01/2000	Winter et al.			
אנו ע		US-6,272,451 B1	08/07/2001	Mason et al.			
<u>/</u>		US-					
		US-					
	<u> </u>	US-					
		US-					
	<u></u>	US-					
	<u> </u>	US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-		•			
		US-					
		US-					
		US-					

		FOREIG	N PATENT DOC	UMENTS		
Examiner Initials	Cite:	Foreign Patent Document Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁰
W		EP 0 485 199 A2	13.05.92	Matra Design Semiconductor, Inc.		
#						-
						士
	 				·	╁
. <u></u> .						╁

Examiner Date Signature Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in not in conformance and not considered. Include copy of this form with heat communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Decuments of the patent of USPTO Patent Decuments of the patent documents. The indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English lapuage Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gethering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for	form 1449B/PTO			Complete if Known
			Application Number	10/046,937
IN	FORMATION D	ISCLOSURE	Filing Date	January 14, 2002
ST	ATEMENT BY	APPLICANT	First Named Inventor	Jeff C. Klein
	•		Group Art Artist	
•	(use as many sheets a	is necessary)	Examiner Name	
Sheet	2	of 2	Attorney Docket Number	H0002065

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Un	-	Implementation Technology, Chapter 3, April 5, 1999, Pages 61-100.	-
		XESS CORPORATION, "What are CPLDs and FPGAs?", http://www.xess.com/fpgatut.htm, Date visited: 3/20/02, 3 pages.	
Y		RICHARD GEISSLER, "1.2.1 Basics of Synthesis and Optimization", http://mikro.e-technik.uni-ulm.de/vhdl/anl-engl.syn/html/node10.html , Date visited: 3/20/02, 2 pages.	
W	,	RICHARD GEISSLER, "1.2.2 Logic-Level Optimization", http://mikro.e-technik.uni-ulm.de/vhdl/anl-engl.syn/html/node11.html , Date visited: 3/20/02, 3 pages.	
W	/	RICHARD GEISSLER, "1.3 Synthesis Design Flow", http://mikro.e-technik.uni-ulm.de/vhdl/anl-engl.syn/html/node12.html , Date visited: 3/20/02, 3 pages.	
W	,	Language Overview, "What is VHDL", www.acc-eda.com/vhdlref/refguide/language_overview/language_overview.htm , Date visited: 12/26/01, 3 pages.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Language Overview, "Test Benches", www.acc-eda.com/vhdlref/refguide/language_overview/test_benches/test_benches.htm, Date visited: 12/26/01, 11 pages.	
1			•

Signature		W		<u>1</u>	Considered		L	4		XIXX	
*EXAMINER: considered. Inc	Initial if reference collude copy of this form	nsigner	od, v	hey	er or not citation is in conformance with MPEP 609 unication to applicant.	Draw line	thro	ugh ¢ it	ation	if not in conformance an	d no

Date

Burden Hour Statement. This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Examiner

¹Unique citation designation number. ²Applicant is to place a check mark if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reducement of the Paperwork Reducement (No. 1997 Reducement of the Paperwork Reducement of the Paperwork Reducement of the Paperwork Reducement (No. 1997 Reducement of the Paperwork Reducement of the Paperwork Reducement of the Paperwork Reducement (No. 1997 Reducement of the Paperwork Reducement of the Paperwork Reducement (No. 1997 Reducement of the Paperwork Reducement (No. 1997 Reducement

Substitute fo	or form 1449A/PTO				Complete if Known
				Application Number	10/046,937
IN	FORMATIO	N DISCI	LOSURE	Filing Date	January 14, 2002
ST	CATEMENT	BY APP	LICANT	First Named Inventor	Jeff C. Klein
				Group Art Artist	
	(use as many sh	eels as nec	essary)	Examiner Name	
Sheet	1.1	of	2	Attorney Docket Number	H0002065

11		-		U.S. PATENT DOCUMENTS		
Examiner	Cite	U.S. Patent I	Document	Name of Patentee or Applicant of cited	Date of Publication of	Pages, Columns, Lines, Where Relevant
initials*	No.	Number	Kind Code ² (if known)	Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
W		5,983,277		Heile et al.	11/9/99	
1 W		6,178,541	Bl	Joly et al.	1/23/01	
MI	/	6,324,678	B1	Dangelo et al.	11/27/01	
11/		6,334,207	B1	Joly et al.	12/25/01	
8						
	<u>.</u>					
			- 			

		U.	S. Patent Doc	ument			Pages, Columns, Lines,	
	Cite No. 1	Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	т ⁶
						· ·		
								<u> </u>
								ļ
		1						

Examiner Signature Date Considered O 2 2002

•EXAMINER: Initial if cerence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant..

¹Unique citation designation number. ¹See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.